

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended): An implantable medical device for implantation in the head of a patient comprising:

a first module including a first module housing and first operative component within the first module housing;

a second module including a second operative component; and

a flexible overmold that covers the second module and partially covers the first module wherein the first module housing extends out of the overmold for receipt in a first recess in a cranium of a patient.

Claim 2 (Currently Amended): The implantable medical device of claim 1, wherein the first module housing is substantially cylindrical.

Claim 3 (Original): The implantable medical device of claim 1, wherein the second operative component includes a recharge coil.

Claim 4 (Currently Amended): The implantable medical device of claim 3, wherein the second module includes a second module housing containing the recharge coil.

Claim 5 (Original): The implantable medical device of claim 1 further comprising a third module that includes a third operative component.

Claim 6 (Currently Amended): The implantable medical device of claim 5, wherein the third module includes a third module housing, and wherein the flexible overmold partially covers the third module wherein the third module housing extends out of the overmold for receipt in a second recess in a the cranium of a the patient.

Claim 7 (Currently Amended): The implantable medical device of claim 6, wherein the first module housing and the third module housing ~~housings~~ are each substantially cylindrical.

Claim 8 (Original): The implantable medical device of claim 5 wherein the overmold covers the third module.

Claim 9 (Currently Amended): The implantable medical device of claim 1, wherein the first operative component comprises control electronics and a therapy delivery circuit within the first module housing.

Claim 10 (Original): The implantable medical device of claim 9, wherein the therapy delivery circuit comprises a pulse generator.

Claim 11 (Currently Amended): The implantable medical device of claim 10, wherein the first operative component further comprises a power source within the first module housing, wherein the power source provides power to the control electronics and therapy delivery circuit.

Claim 12 (Original): The implantable medical device of claim 11, wherein the power source is rechargeable.

Claim 13 (Original): The implantable medical device of claim 12, wherein the second operative component includes a recharge coil coupled to the power source for recharging the power source.

Claim 14 (Currently Amended): The implantable medical device of claim + 13, wherein the recharge coil substantially encircles the first module, ~~and second modules~~.

Claim 15 (Original): The implantable medical device of claim 5, wherein the third module is located outside of the overmold, and wherein the implantable medical device further comprises a flexible tether member that connects the third module to the overmold.

Claim 16 (Currently Amended): The implantable medical device of claim 8 15, wherein the flexible tether member comprises a helix.

Claim 17 (Original): The implantable medical device of claim 1, wherein the flexible overmold comprises silicone.

Claim 18 (Original): The implantable medical device of claim 1, wherein the flexible overmold comprises at least two materials.

Claim 19 (Original): The implantable medical device of claim 1, further comprising a flexible interconnect member to couple the first and second modules.

Claim 20 (Original): The implantable medical device of claim 19, wherein the interconnect member is flexible in a plurality of directions and allows the first and second modules to have a plurality of degrees of freedom of movement relative to each other.

Claim 21 (Original): The implantable medical device of claim 1, wherein the overmold is shaped for implantation on a cranium of a patient.

Claim 22 (Currently Amended): The implantable medical device of claim ~~1~~ 1, in which the second module includes a second module housing containing the second operative component, the first module housing has a height H_1 , the second module housing has a height H_2 , the height H_1 is greater than the height H_2 , and the first module housing extends out of the overmold for receipt in a the first recess in a the cranium of a the patient.

Claim 23 (Currently Amended): An implantable medical device for implantation in the head of a patient comprising:

a first module including a first module housing and first operative component within the first module housing, the first module housing having a height H_1 ;

a second module including a second module housing and second operative component within the second module housing, the second module housing having a height H_2 ; and

a flexible overmold that covers at least part of at least one of the first module or the second module;

wherein the height H_1 is greater than the height H_2 and the first module housing extends out of the overmold for receipt in a first recess in a cranium of a patient.